

II. AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Please replace the paragraph beginning at page 3, line 7 and which starts with "The invention may be summarized according to a third broad aspect" with the following amended paragraph:

a1
The invention may be summarized according to a ~~[[third]]~~ second broad aspect as a method of validating connections established through a switching unit adapted to receive a plurality of input signals and output a plurality of switched signals. The method includes selecting one of the input signals; on the basis of a connection map, identifying a particular one of the switched signals as expected to be correlated with the selected input signal; determining a level of correlation or anti-correlation between the selected input signal and the switched signal expected to be correlated with the selected input signal; and if the level of correlation is significant or the level of anti-correlation is insignificant, concluding that the connection involving the selected input signal is consistent with the connection map.

Please replace the paragraph beginning at page 4, line 5 and which starts with "The invention may be summarized according to yet another broad aspect" with the following amended paragraph:

a2
The invention may be summarized according to yet another broad aspect as a system for correlating a first sample stream with a second sample stream, including a first delay line for receiving the first sample stream, comprising a plurality of taps interspersed by delay elements, a second delay line for receiving the second sample stream, comprising a plurality of taps interspersed by delay elements, a plurality of anti-correlators, each having a first input connected to a tap in the first delay line and a second input

connected to a tap in the second delay line, each anti-correlator being adapted to produce an anti-correlation value at a distinct relative delay, and a minimum detector connected to the anti-correlators, for selecting the least among the anti-correlation values produced by the anti-correlators and providing the result to a controller.
